

HEMCHANDRACHRYA NORTH GUJARAT UNIVERSITY
PATAN-384265

NAAC Accreditation Grade – “B”

FACULTY OF ARTS

Degree programme of

M. A. External

HOME SCIENCE

New syllabus

Semester- I to IV

W.E.F. June-2016

Date: -

Total Page

Hem. North Gujarat University
M.A. External Home science Programme
First Semester

Sr.no.	Course code	Course Type	Course Subject
1	CC 101	Core Course	Main Food science
2	CC 102	Core course	Main Child development
3	CC 103	Core Course	Main Women Entrepreneurship
4	CE 104	Core Elective	Elective Fashion Designing
	OR	OR	OR
4	CE 104	Core Elective	Elective Child & Family welfare
5	ID 105	Inter Disciplinary	Inter Disciplinary Family health

Hem North Gujarat University
M. A. External Home science
Second Semester

Sr.no.	Course code	Course Type	Course Subject
1	CC 201	Core Course	Main Community Nutrition
2	CC 202	Core course	Main Extension Education and communication
3	CC 203	Core Course	Main Early Childhood Education
4	CE 204	Core Elective	Elective Advance interior Designing
	OR	OR	OR
4	CE 204	Core Elective	Elective Interior decoration and housing
5	ID 205	Inter Disciplinary	Inter Disciplinary Consumer Education

HEMCHANDRACHRYA NORTH GUJARAT UNIVERSITY

PATAN – 384265

Syllabus of Home Science for post Graduate Degree

Master of Arts (External)

Semester Course (M.A.)

Semester – First

➤ **Core Course.**

C.C. --101- Food science

C.C. –102- child Development

C.C. –103- women Entrepreneurship

➤ **Core Elective**

C.E. -- 104- Fashion Designing

OR

C.E.- -104- Child & Family welfare

➤ **Inter Disciplinary**

I.D.-105- Family Health

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HEMCHANDRACHRYA NORTH GUJARAT UNIVERSITY

PATAN – 384265

Syllabus of Home Science for post Graduate Degree

Master of Arts (External)

Semester Course (M.A.)

Semester – Second

➤ **Core Course.**

C.C. --201- Community Nutrition

C.C. –202- Extension Education & Communication

C.C. –203- Early childhood education

➤ **Core Elective**

C.E. -- 204- Advance interior designing

OR

C.E. - -204- Interior decoration & Housing

➤ **Inter Disciplinary**

I.D.-205- Consumer Education

Format of Question Paper- 100 Marks

Q-1 From Unit-1	(Expected 300 Words) Internal Option	Mark 20 OR 20
Q-2 From Unit-2	(Expected 300 Words) Internal Option	20 OR 20
Q-3 From Unit-3	(Expected 300 Words) Internal Option	20 OR 20
Q-4 From Unit-4	(Expected 300 Words) Internal Option	20 OR 20
Q-5 From Unit 1 to 4	Total -12- questions to be answered -10- questions each of two marks.	20
	TOTAL	100

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M.A. (HOME-SCIENCE)

SEMESTER-I
SYLLABUS

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M.A. (HOME-SCIENCE)

FIRST SEMESTER

FOOD-SCIENCE

M.A.H.SC. - C.C.101

Objectives:

- To acquaint the students with basic operations in cookery.
- To acquire knowledge concerning introduction and importance of Food science.
- Develop ability in preparing various food products.
- To aware the students about food processing.
- To provide knowledge about various activities like leavening agent, flowering agent, coloring agent etc.

UNIT-1

- Introduction & Definition of food science.
- Palatability of food and measurement of its acceptance by methods of sensory evolution.
- Relation of cookery to colloid chemistry.
- Standardization of recipy.

UNIT-2

- Importance of Food additives.
- Importance of leavening agents.
- Various pigments in vegetables and various types of vegetables.
- Egg cookery, its structure, composition and nutritive quality.
- Spices and beverages, classification of beverages, importance of spices and beverages in relation to nutrition and health.

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UNIT-3

- Fruits and vegetables, its importance, fresh and dried fruits.
- Cereals –its composition properties and its use in cookery.
- Use of flour and flour mixtures in cookery.
- Importance of gluten in cookery use of better and dough.
- Pluses and nuts structure types, effect of various cooking methods of nuts.

UNIT-4

- Milk and milk products, various types of milk, pasteurization process study of various milk products.
- Fats and oil properties of fat rancidity of fat.
- Classification of Sugar Cookery and its properties.

Reference Books:-

1. Food science and experimental cookery By M. Swaminathan
2. Food science by Shrilaxmi- New age international Publishers-New Delhi
3. Foods selection and preparation Sweedam and Makeller
4. Food Science by Dr. Uma D. Patel.
5. Essential of Foods and Nutrition By M. Swaminathan

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M.A. (HOME-SCIENCE)

FIRST SEMESTER

Child Development

M.A.H.SC. - C.C.102

Objectives:

- To enable the students to acquire knowledge about development process.
- To aware the students about child psychology and child study.
- To aware the students about social development in children.

UNIT-1

- Importance of child study and importance of child psychology study.
- Modern approaches of child study.
- Methods of studying child psychology.

UNIT-2

- Mental development during childhood.
- Nature of intelligence.
- Types of intelligence.
- Factors affecting on intelligence.
- Language development in childhood
- Factors affecting on language development.

Unit-3

- Emotional development in childhood.
- Emotion as a constructive and destructive.
- Factors affecting on emotional development of children.
- Development of personality, Types of personality, Factors affecting on personality development.

Unit-4

- Social Development in childhood and its definition.
- Importance of social development.
- Stages of social development in babyhood, in early childhood, late childhood and in adolescence.
- Factors affecting on social development.

References:-

- Elizabeth B.Hurlock- Child development- 6th edition- M.C.Graw hill international edition.
- Child psychology and child development By Dr. Priti varma and Dr. D.N. Shrivastava.

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M.A. (HOME-SCIENCE)

FIRST SEMESTER

Women Entrepreneurship

M.A.H.SC. - C.C.103

Objectives:

- To develop a positive attitude and values for entrepreneurship.
- To become aware of entrepreneurial opportunities and acquire knowledge, skill and competencies to run a business effectively.

Unit-1

- Definitions of basic entrepreneurs, entrepreneurship, enterprise, their inter relationship, self employment.
- Behavioral, attitudinal and managerial competences needed for the successful management of a business enterprise.
- Business ethics and responsibilities.

Unit-2

- Identification and evolution of business opportunities.
 1. Ideas and opportunities, brain storming, recognizing needs and higher level wants.
 2. Market research for selecting a product or a service for establishing a business.
 3. Preparation of preliminary project report, planning and preparations.

Unit-3

- Needs and importance of an organization and human resource planning (introduction and importance)
 1. Types of ownership-relative merits and demerits –Factors influencing selection/choice of ownership.
 2. SSI, Tiny units, Ancillary units, their role and need in the Indian context.
- Project cost and it's financing.
 1. Types of cost-Direct or indirect
 2. Fixed and variables.
 3. Breakeven Analysis.
 4. Management of working capital.

Unit-4

- Financial requirements for fixed capital and working capital.
- Sources of finding loan –Terms and conditions- RBI, IDBI, Commercial Banks and co-operative banks.
- Government policy and entrepreneurship development for women in particular.

Reference Books:-

- Calvin A.K.-" Encyclopedia of entrepreneurship "Engle wood cliff prentice -1982.
- Vasant Desai- "Entrepreneurship Development volume 1,2,3."
- Shorba G.D. –"How to start own S.S.I."

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M.A. (HOME-SCIENCE)

FIRST SEMESTER

Fashion Designing

M.A.H.SC. - C.E.104

Objectives:

- To create awareness among students about fashion in dresses.
- To give knowledge about printing and dying in dresses.
- To give an idea about historical aspects of clothing and design.

UNIT-1

- History of Fashion.
- Culture & Fashion.
- Fashion cycle.
- New changes in Fashion.

UNIT-2

- Concept of Fashion.
- Theory of fashion designing.
- Factors affecting on fashion.
- Human proportion and figure.
- Construction type small, medium and large.

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UNIT-3

- Elements of design.
- Importance of colour in cloth.
- Principals & colour theory.
- Types of colour.

UNIT-4

- Aims of Printing.
- Types of Printing.
- Dying - Types of Dying, Sources of dyes,
- Methods of dying like tie and dye, Basic Process.

REFERENCES:-

1. Dress designing by Malini Pathak, Praving Prakashan, Rajkot.
2. Vastra Vignan and Paridhan by Dr. Vrunda Sinh.
3. Vastra Vignan and Paridhan by Dr. G.P. Shairi

M.A. (HOME-SCIENCE)

FIRST SEMESTER

Child and Family welfare

M.A.H.SC.- C.E.104

Objectives:

- To create awareness among the students about various child development programme.
- Students will learn about the problems of women and status of women.
- To help students about reducing family crisis and family problems.

Unit-1

- The concept of Family and child welfare.
- Need and importance of child welfare.
- Policy, laws and legislation for children, UN declaration of the rights of children.
- National policy for children.

Unit-2

- Welfare services for family children
 1. NIPCCD (National institute for public co-operation and child child development)
 2. Central society welfare Board.
 3. Voluntary health association of India.
 4. Foster care and Adoption.
 5. Child Guidance Centre.

Unit-3

- Child and family welfare programme.
 1. I.C.D.S. (Integrated child Development Service)
 2. Immunization programme.
 3. National Aids control programme.
 4. National T.B. control programme.
 5. National Anamia Control Programme.

Unit-4

- Status of women, Legal demographics, Political, social, economical, educational.
- Problems and issues of women.
- Sexual exploitation of women.
- Struggle of working women.

References:-

- Decker, Celia Anita and Decker John R.1984, Planning and administering early child hood programme.
- Profile of the child in India, Policies and program 1980, New Delhi, Ministry of social welfare, Government of India.

M.A. (HOME-SCIENCE)

FIRST SEMESTER

Family health (Inter Disciplinary)

M.A.H.SC.- I.D.105

Objectives:

- To enable the students to know concepts of health and family.
- To know the students about health of family members.
- To enable the students to know immunity and immunization programme.
- To know the students about fitness of mother hood and reproductive systems.
- To enable the students to know the importance of family planning.

Unit-1

- Health
 1. Concept of health.
 2. Component of health.
 3. Determinants of health and factors affecting on health.
- Health education
 1. Concept of health education.
 2. Aims and objectives of health education.
 3. Principals of health education.
 4. Methods of health education.

Unit-2

- School Health
 1. Objectives of school health.
 2. Aspects of school health services.
- Immunity and Immunization
 1. Definition.
 2. Types of Immunity- Natural immunity and Acquired Immunity.
 3. Routine Immunization Programme.

Unit-3

- Fitness of Motherhood.
 1. Biological fitness.
 2. Economic Fitness.
 3. Psychological Fitness.
- Reproductive Organization.
 1. Male reproductive system.
 2. Female reproductive system.

Unit-4

- Prenatal Development.
 1. Conception.
 2. Characteristics of prenatal development.
 3. Stages of prenatal development.
 4. Motor development in prenatal stage.
 5. Emotional development in prenatal stage.
 6. Factors affecting prenatal development.
- Common discomforts during pregnancy and its treatment.
 1. Care of expectant mothers and importance of Antenatal care.
 2. Toxaemia of pregnancy.
 3. Miscarriage and abortion.
 4. Family Planning.

References:-

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M.A. (HOME-SCIENCE)

SEMESTER-II
SYLLABUS

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M.A. (HOME-SCIENCE)

SECOND SEMESTER

Community nutrition

M.A.H.SC.- C.C.201

Objectives:

- Awareness about malnutrition and its preservation.
- To enable the students about various agencies working for community nutrition.
- To enable the students to understand the problems of nutrition and health in Indian community.

Unit-1

- Malnutrition and its definition.
- Cause of Malnutrition.
- Major Malnutrition problems in India.
- Prevention of Malnutrition.

Unit-2

- Diet survey and Nutrition survey- assessment of nutritional status by various methods.
- International agencies engaged in various nutrition programmes. E.g. UNICEF, CARE, FAO, WHO.
- Influence of cultural and sociological factors on community nutrition.

Unit-3

- Major Nutritional programmes running in India for combating malnutrition.
- Role of maternity and child health center in reducing malnutrition.
- Malnutrition and mortality rate among pregnant women and children.
- Role of baby crèches and balwadi feeding programmes in child's health.

Unit-4

- Importance of Nutrition Education to society.
- Methods of giving nutrition education to society.
- Importance of health education.
- Evaluation of programmes.

References:-

- Essential of Food and nutrition volume I and Volume II By M. Swaminathan.
- Applied nutrition by Rajlaxmi.
- Mumbai S.R. and M.V.Rajgopalan, Fundamental of food and nutrition Wavy.
- Honu Seak food Preparation – CFI & I.

M.A. (HOME-SCIENCE)

SECOND SEMESTER

Extension Education and Communication

M.A.H.SC. C.C.-202

Objectives:

- To aware the students about principals of extension education.
- To aware the students about application of extension education in Home science.
- To provide knowledge about different media of commercial methods used for communication.
- Students will learn and acquire knowledge to make and operate different teaching aids.

Unit-1

- Extension Education.
- Meaning and definition.
- Philosophy and principals.
- Objectives of Extension education.

Unit-2

- Qualities of Extension worker.
- Role of Extension worker.
- Extension teaching methods.
 1. Individual contact methods.
 2. Group contact methods.
 3. Mass contact methods.

Unit-3

- Communication.
 1. Meaning and definition.
 2. Importance of communication in extension work.
 3. Elements of communication.
 4. Function of communication.
 5. Types of communication.
 6. Problems of communication.

Unit-4

- Role of communication in motivating and mobilizing rural people.
 1. Selection, use and preparation of various simple and economic visual aids.
 2. Development and use of simple literature for communication.

References:

- Dhama D.P. and Bhatnagar O.P.- Education and communication for Development- Oxford and LBH Publishing, New Delhi-
- Devadas R.P.m –Text book of Home science, Directorate of extension, Ministry of Food and Agriculture in India.

M.A. (HOME-SCIENCE)

SECOND SEMESTER

Early Childhood education

M.A.H.SC. - C.C.203

Objectives:

- To enable the students to acquire knowledge on the need and importance of early childhood education.
- To develop an understanding of the teaching-learning process.
- To draw the students attendance to some of the major issues related to the study of different curriculum.
- To aware the students about management process of programme.

Unit-1

- Introduction, concept and types of education, nature, significance of the first few years of childhood and objectives of ECCE.
- The renaissance of early childhood education and perspectives on ECE.
- Social reform and early childhood education, some historical.

Unit-2

- Major contribution of different institutions in development of ECCE, CSWB, NCERT, NIPCCD, LAPE, UNICEF etc.
- Sources of curriculum: A comparative analysis of preschool curriculum model, teaching through play activities, visual arts, reading readiness etc.

Unit-3

- Issues in childcare, education and recommendations for pre-schools.
- Definition of basic concept regarding management aspects of ECE programme and an overview regarding directors' role for the successful management of a business enterprise.
- The humanistic administrator and children, matching the needs of children with policy and programme.

Unit-4

- Establishing an early childhood center: Need and assessment, types of cost, sponsorship and funding, locating the ECE center.
- Setting up of classroom for ECE center and public relations for administrative activities.
- Various forms of preschool and day care facilities in India.

References:

- Morrosom geoge : Early childhood education to-day, marial in print of prentice hall.
- Chaudhary Paul D. – Child welfare/development – Atmaram and sons, New Delhi.
- Hilderbrand- Introduction to early childhood education- Mac millan- New York.
- Siddiqi N. Bhatia, S.biswas- Early childhood care and education- Daubahouse, Delhi.
- Dr.Vyas J.N.- Child development- Medi world press.

M.A. (HOME-SCIENCE)

SECOND SEMESTER

Advance interior designing

M.A.H.SC. - C.E.204

Objectives:

- To develop appreciation of design in home furnishing in different periods.
- To develop skill in creative environment suitable to the heads of the uses.
- To learn to develop art of judging functional home furnishing.
- To again better understanding of the principals of designing.

Unit-1

- Residential Planning
 - Principles of planning-aspects, prospects, privacy, groupiness, roominess, ventilation, flexibility, furniture requirements and sanitation.
 - Factors influencing furnishing of residential area.
 - Need of individual area.
 - Income.
 - Choice of individuals.
 - Type of occupation.
 - Number of Family members.
 - Composition of family.
- Consider while repairs, remodeling, renovations and alterations in residential building.

Unit-2

- Consideration ergonomically aspects of human body, posture in different activities while planning space of interior designing.
- Planning of space for following rooms.
 - Dining room.
 - Kitchen.
 - Drawing room.
 - Fast food center.

Unit-3

- Arrangement of furniture and furnishing.
- Treatment of individual rooms.
 - Drawing room.
 - Master bed room.
 - Kitchen.
 - Grandparent room.
 - Children room.

Unit-4

- Materials used in interiors.
 - Construction materials- Cement, sand, meed, brick, stone, iron ,lime
 - Building materials - Plastic, Aluminum glass, wood, pebblels etc.
 - Acoustic materials, its properties and types.

References:

- Nanavati R.M. –“Professional practitioner” Book depot, Mumbai.
- Bhatt P.D. and Goenka S. –“Foundation of arts and design”- Laxmi book depot, Mumbai.
- Rangwala N. “Building materials”
- Encyclopedia of Interior design.
- Caring and rush “Home with characters.”
- Dongericeri K.S. “Interior decoration in India”.
- Inside outside magazine
- Housing for family lining by Veeha Handolra and Sarjoo patel.

M.A. (HOME-SCIENCE)

SECOND SEMESTER

Interior decoration and housing

M.A.H.SC. - C.E.204

Objectives:

- To develop skill in showing various materials used in interiors through different techniques.
- To develop appreciation of design in home furnishing in different periods.
- To learn to develop art of judging functional home furnishing.
- For better understanding of the principals of designing.

Unit-1

- Home decoration, its meaning and objectives.
- Elements of arts.
- Types of designs.

Unit-2

- Measurements, comfort, aesthetic, sense of security.
- Social needs.- Religious needs, Basic for plan of interiors.
- Basic needs.
- Physical needs.
- Psychological needs E.G. –body.
- Personal development needs.

Unit-3

- Housing, its importance to nation as an industry.
- Factors affecting to housing demand and supply.
- Housing condition in urban and rural areas.

Unit-4

- Housing problems in urban and rural India and its solutions.
- Agencies helping in solving housing problems.
- Slum clearance programmes for urban housing.
- Rural housing schemes for rural poors.

References:-

- Bhatt P.D. and Goenka S. (1990) – foundation of Art and Design- Lakhani Book Depo- Bombay.
- Rangwala N. (1996)- Building Materials.
- Encyclopedia of Interior design.
- Inside outside magazine.

M.A. (HOME-SCIENCE)

SECOND SEMESTER

Consumer Education (Inter Disciplinary)

M.A.H.SC. - I.D.205

Objectives:

- To create an awareness among the students about consumer education.
- To enable students to learn protecting consumer interest.
- To develop understanding regarding procedure of brand, packaging and labeling.
- To help students to learn buying process.

Unit-1

- Importance of consumer education.
- Definition of consumer.
- Consumer's rights and responsibilities.

Unit-2

- Factors affecting buying decisions.
- Buying and choice making problems faced by the consumer in present days market.
- Producer's aid to consumer.
- Brand.
- Packaging.
- Labeling.
- Price.

Unit-3

- Consumer protection laws and their need to protect consumer interest.
 1. Prevention of food adulteration act.
 2. Fruit product order 1961.
 3. AGMARK act- 1973.
 4. Meat product order.
 5. Food and administration act.
 6. Electrical equipment quality control act-1976.

Unit-4

- Consumer protection agencies.
 1. Legal guidance center.
 2. Consumer education research center.
 3. Consumer guidance society of India.
 4. Advertising as marketing aid.

References:-

- "Consumer Education" by Gundotra and Divatia.
- A consumer guide for home makers by Neelam Khetarpal and Indu Grover.
- Marketing management- Philip Kotler.
- Marketing Management- Vijay Bhasotia.
- Malchandani N.M. "Consumer protection Act" 1991.
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Hem. North Gujarat University
M.A. External Home science Programme
Third Semester

Sr.no.	Course code	Course Type	Course Subject
1	CC 301	Core Course	Main Maternal & Child nutrition
2	CC 302	Core course	Main Clothing & Textile
3	CC 303	Core Course	Main Institutional management
4	CE 304	Core Elective	Elective Community health & care
	OR	OR	OR
4	CE 304	Core Elective	Elective Child with special needs
5	ID 305	Inter Disciplinary	Inter Disciplinary Women Studies

Hem North Gujarat University
M. A. External Home science
ForthSemester

Sr.no.	Course code	Course Type	Course Subject
1	CC 401	Core Course	Main Advance Dietetics
2	CC 402	Core course	Main Traditional Textile & Embroidery of India
3	CC 403	Core Course	Main Parenthood Education
4	CE 404	Core Elective	Elective Aging problems & Mangement
	OR	OR	OR
4	CE 404	Core Elective	Elective Measurement & evaluation of children
5	ID 405	Inter Disciplinary	Inter Disciplinary Personality Development

HEMCHANDRACHRYA NORTH GUJARAT UNIVERSITY

P A T A N – 3 8 4 2 6 5

Syllabus of Home Science for post Graduate Degree

Master of Arts (External)

Semester Course (M.A.)

Semester – Third

➤ **Core Course.**

C.C. --301- Maternal & child nutrition

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C.C. –302- Clothing & Textile.

C.C. –303- Institutional Management.

➤ **Core Elective**

C.E. - 304- Community health & care

OR

C.E. - 304- Child with special needs

➤ **Inter Disciplinary**

I.D.- - 305- Women studies.

HEMCHANDRACHRYA NORTH GUJARAT UNIVERSITY

P A T A N – 3 8 4 2 6 5

Syllabus of Home Science for post Graduate Degree

Master of Arts (External)

Semester Course (M.A.)

Semester – Second

➤ **Core Course.**

C.C. --401- Advance dietetics

C.C. –402- Traditional textile and Embroidery in India

C.C. –403- parenthood Education.

➤ **Core Elective**

C.E. -- 404- Aging problems and management.

OR

C.E. - -404- measurement and evaluation of children.

➤ **Inter Disciplinary**

I.D. - - 405- personality development.

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Format of Question Paper- 100 Marks

Q-1 From Unit-1	(Expected 300 Words) Internal Option	Mark 20 OR 20
Q-2 From Unit-2	(Expected 300 Words) Internal Option	20 OR 20
Q-3 From Unit-3	(Expected 300 Words) Internal Option	20 OR 20
Q-4 From Unit-4	(Expected 300 Words) Internal Option	20 OR 20
Q-5 From Unit 1 to 4	Total -12- questions to be answered -10- questions each of two marks.	20
	TOTAL	100

M.A. (HOME-SCIENCE)

SEMESTER-III
SYLLABUS

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M.A. (HOME-SCIENCE)

THIRD SEMESTER

Maternal and child nutrition

M.A.H.SC. - C.C.301

Objectives:

- To aware the students about complication, psychological, and physiological changes and nutritional requirements during pregnancy and lactation.
- To provide knowledge to the students about importance of breast milk, supplementary and weaning food, health and nutrition to child.

Unit-1

- Pregnancy

(A)

- ❖ Physiological and psychological changes.
- ❖ Complications during pregnancy.
- ❖ Foetal development.
- ❖ Placenta and its functions.
- ❖ Amniotic fluid and its functions.
- ❖ Hormonal importance in pregnancy and lactation.

(B)

- ❖ Monthly development during pregnancy.
- ❖ Factors determining nutritional needs for pregnant and lactating women

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Unit-2

- - ❖ Nutritional consideration during pregnancy and lactation.
 - ❖ Factors influencing the nutritional status of the pregnant and lactating Women.
- Infant Nutrition
 - Growth and development : Body size, Body composition and development of
 1. Cardiovascular System.
 2. Gastrointestinal tract.
 3. Renal System.
 4. Brain development.
 - Nutritional assessment and status.

Unit-3

- Nutritional requirement of infant:
 - ❖ Breast milk: Composition, Comparison and superiority with animal milk importance for infant growth , development and health.
 - ❖ Weaning: Bottle feeding, Supplements for formula feeding, feeding problems and issues.

Unit-4

- Nutrition for low birth weight infants.
 - ❖ Definition, development problems, Nutritional requirements, Method of Feeding, schedule of feeding .
 - ❖ Nutrition for preschool and school children growth and development.
 - ❖ Nutritional status of preschool and school children, cause of malnutrition during this period, steps to prevent malnutrition, nutritional factors affecting physical growth.

References:-

- Human Physiology by C.C.Chatterjee.
- Pregnancy and your child (Gujarati) By B.N.parikh.
- Text book of medical physiology- 9th edition By Guyton and hall.
- Normal and therapeutic nutrition -17th edition By Corinne H. Resbinson.
- Individual and Family development By Jerry J. Bigner.
- Development Psychology 4th edition By David R. Shaffer.
- Child development 6th edition By Elizabeth B. Hurlock.
- Child development 6th edition By Laura E. Berk.

M.A. (HOME-SCIENCE)

Third SEMESTER

Clothing and textile

M.A.H.SC. C.C-302

Objectives:

- The students will acquire knowledge of different test of textile and fabrics.
- The students will be acquainted with the knowledge of different dyes used in clothes.
- The students will get knowledge of different fibers properties.

Unit-1

- Different types of test for fiber and fabric identification like,,,
 - 1). Appearance test
 - 2). Feeling test.
 - 3). Breaking test.
 - 4). Burning test.
 - 5). Oil test.
 - 6). Moisture test.
 - 7). Curl test.
 - 8). Squeezing test.
 - 9). Microscopic test.
 - 10). Colour test.
 - 11). Chemical test.
 - 12). Solubility test.
- Bleaching agents and other reagents used in laundry.
 - Types of bleaching agents.
 - Laundry reagent:
 - 1) Acidic reagent.
 - 2) Alkaline reagent.
 - 3) Grease absorbent reagent.
 - 4) Grease solvent reagent.

Unit- 2

- Thermoplastic fiber like
 1. Dacron or Polyester : Physical and chemical properties
: Types of Decorn yarn.
 2. Orlon : Physical and chemical properties.
 3. Acrylon : Physical and chemical properties.

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Unit-3

- Knitting - Types of knitting
- Laminated and bonded fabric.

Unit-4

- Dying clothes: Types of dyes, Sources of dyes.
- Printing : Types of printing

References:-

- Clothing and textiles by Sushma Gupta and Neeru Garg.
- Science of clothing and textile by Dr. Vrunda Singh.
- Basic principles of clothing science by Dr. G.P. shairi.
- Science of clothing and textile by Dr. Premila Verma.
- Science of clothing and textile by Nirja Yadav.

M.A. (HOME-SCIENCE)

Third SEMESTER

Institutional management

M.A.H.SC.- C.C.303

Objectives:

- To develop professional skill in food industries.
- To develop skill in managerial aspect in business related to food.
- To learn about safety and sanitation in the area of food and nutrition.

Unit -1

- Organization and management of food service institution.
- Scope of catering in current time.
- Food catering institution and management of canteen, mess, hotel and hostel.

Unit-2

- Food service management in restaurant.
 1. Restaurants counter service.
 2. Dealing with kitchen and service staff.
 3. Receiving and entertaining customers.
 4. Equipments and crockeries for restaurant.

Unit-3

- Services of beverages, snacks, meals, supper, buffets, dinners and banquets.
- Arrangement of Party.
- Table settings and types of various party.
- Cost control, money management, labour saving devices.
- Maintenance of establishment, minimizing wastages.

Unit-4

- Safety and sanitation of personal.
- Hygienic way of cleaning grocery.
- Pest control and disposal of garbage.
- Observing food standards and food laws during food preparation

References:-

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3. Andrew Srihir- Hotel housekeeping training manual, Tal magraw till publishing Ltd.
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M.A. (HOME-SCIENCE)

Third SEMESTER

Community health & care

M.A.H.SC.- C.E.304

Objectives:

- To enable the students to understand the concept and significance of community health.
- To know the programme for promotion of community health.

Unit-1

- Concept of health.
- Meaning and significance of public health.
- Community health and community health promotion.
- Primary health care of the community.
- Determinants of health status.
- Indicators of health.

Unit-2

- Environmental factors related to community health, water sewage disposal, food, insects and rodents, pesticides, pollution, bad sanitary condition.
- Communicable disease control.
- Prevention of major communicable diseases.

Unit-3

- Training of health workers.
- Role and function of health workers.
- The need for training to health workers, keeping records, growth monitoring, help to health workers to identify diseases.
- Activities of public health departments.
- Role of primary health center.
- Planning and execution of health programme.

Unit-4

- Maternal health.
- Infant and child health.
- Priorities for women and children.
- Promoting infant and child health.
- Community health programmes for children.
- Common health problems in India.
- Sexually transmitted diseases.

References:

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M.A. (HOME-SCIENCE)

Third SEMESTER

Child with special needs

M.A.H.SC. - C.E.304

Objectives:

- Students will get knowledge about parent child relationship.
- Students will know the nature of mental health pertaining to children.
- To get acquainted with various kinds of children who have special needs.
- To get acquainted with the characteristics of children in need of special care.

Unit-1

- Meaning of child with special needs.
 - Definition of special needs.
 - Categories of children with special needs.
 - Terminologies.
 - Meaning & need of special education.
- Physical handicapped.
 - Definition.
 - Causes.
 - Categories.
 - Intervention and managements.

Unit-2

- Definition of Mental Health.
 - Concept and movement of mental Health.
 - Role of home school friends in establishing sound mental health.
 - Mental Mechanism: effect and common ways to deal with anxiety.

M.A. (HOME-SCIENCE)

Third SEMESTER

Women Studies (Inter Disciplinary)

M.A.H.SC.- I.D.305

Objectives:

- To develop awareness regarding status of women in India and sensitivity to women's issues and problems.
- To understand theoretical and methodological concern related to women studies.
- To understand the problems of children.
- To provide information regarding welfare agencies for women.
- To make women aware of issues and concerns related to their situation with specific references to the Indian context.

Unit-1

- Theoretical perspective in women studies.
- Historical and social-cultural basis of women status.
- Consequences of gender differences.
- Sexual division of labour and its implications.
- Socio-economical conditions of women.

Unit-2

- Concepts related to gender differences from social and developmental prospective.
- Gender and education.
- Economic empowerment and gender.
- Development processes in women's studies.
- Growth of women studies in India and other countries.

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Unit-3

- Problems and issues related to women in India.
 1. Child marriage, female feticide.
 2. Dowry, Violence, Women's identity.
 3. Educational opportunities.
 4. Employment.
 5. Women in politics.
 6. Legal status of women.

Unit-4

- Women's rights and laws.
- Women's fundamental rights in India.
- Women's hereditary rights.
- Hindus marriage Act-1955
- Special marriage Act-1954.
- National commission for women -1990.
- Laws relating to women in India.

References: -

- Desai N. & Patel V.- "Indian women change and challenges in the international decade" – Popular Prakashan – Mumbai.
- Parashar A. –"Women and Family law reforms in India- Uniform civil code and gender equity"- Sage, New Delhi.
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M.A. (HOME-SCIENCE)

SEMESTER-IV
SYLLABUS

M.A. (HOME-SCIENCE)

Forth SEMESTER

Advance dietetics

M.A.H.SC.- C.C.401

Objectives:

- To learn the principals of dietetics.
- Menu planning for patients according to various diseases.
- To acquire knowledge regarding diet modification for various diseases.

Unit-1

- Introduction and history of diet therapy.
- Role of dietician.
- Diet modification.
- Types of diet : Regular diet, clear liquid diet, full fluid diet, soft diet.

Unit-2

- Causes, sign, symptoms, care and dietary modifications of following diseases.
 1. Diabetes.
 2. G.I. disorders: Diharroea, Collities, Peptic ulcer.

Unit-3

- Causes, sign, symptoms, care and dietary modifications of following diseases.
 1. Kidney diseases. : Nephrities, Kidney failure, Kidney stone.
 2. Tuberculosis bacillus.
 3. Cancer

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Unit-4

- Causes, sign, symptoms, care and dietary modifications of following diseases.
 1. Heart diseases: - Athrosclerosis, Hypertension.
 2. Obesity.
- Causes, sign, symptoms, care and dietary modifications of following diseases.
 1. Liver diseases: Cirrhoses of liver and jaundice.
 2. Food Allergy.

References:

- Normal and therapeutic diet by B.Robbinson.
- Essential of food and nutrition by M.Swaminathan.
- Dietetics by B.Lakshmi.
- Ahar Ayojan by Vrunda Sigh.
- Clinical nutrition and dietetics by F.P.Antia

M.A. (HOME-SCIENCE)

Forth SEMESTER

Traditional textiles and embroideries of India

M.A.H.SC.- C.C.402

Objectives:

- To learn the different embroideries of India.
- To improve knowledge about the traditional textile of India.
- To acquire the knowledge of different stitches used in embroidery at different states.

Unit-1

- Development of Indian textile, Textiles from various states of India
 - E.G. Kashmir, Madhypradesh, Gujarat, Maharashtra, Orissa, Assam ,Punjab, west Bengal, South India, Dhaka's mulmul, Saries of Dhaka, Chanderi Saries, Patola, Bandhni, Brocade, Pitamber, Kalamdar etc...

Unit-2

- Development of traditional Indian embroidery.
 - Punjab Phulkari.
 - Kashmir kashida.
 - Karnataka (Dharwad)- Kajuti (Dhaarwadi)
 - Uttar Pradesh –Chikankari.
 - Bengal- kanthawork.
 - Himachal Pradesh- Chamba
 - Assam –Loom embroidery.
 - Tamilnadu- Toda embroidery.

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Unit-3

- Indian embroidery and Indian decorative stitches.
 - Gujarat, Rajshthan, Saurashtra, Rabari, Mirror work, kutchhiwork.
 - Orissa –Applique craft (patch work)
 - Manipur and Bihar- Embroidery.
 - Indian decorative stitches.
 - ❖ Golden silver embroidery.
 - ❖ Sceloping.
 - ❖ Kwilting.
 - ❖ Network.
 - ❖ Button, Kodi ,Badla ,Ari work.

Unit-4

- Knitting-Types of Knitting.
- Tatting and crocheting and mak-ra-may,- Material, equipments and methods used.

References:

- Vastra vigyan evam paridhan by Premila verma.
- Vastra vigyan evam paridhan by Dr. Vrinda Singh.
- Bharat Margdarshan by Nirmala Mistry.
- Bhartiya Kashidakari by Amita Patel and Anita Patel-Vallabh Vidhyanagar.
- Dress designing by Vina S.Samani, Heena Sanvat, Malini K. Pathak, Pravin Pustak Bhandar- Rajkot.
- Romance of Indian Embroidery – Thakar & Co. Ltd.-Kamla Dongerkery.
- Indian embroidery calico museum of textiles-Irwin and hall.
- Textiles and embroidery- Marg publication.
- Indian sari , all Indian handicrafts Board- Kamla Dongereseey.

M.A. (HOME-SCIENCE)

Forth SEMESTER

Parenthood Education

M.A.H.SC.- C.C.403

Objectives:

- To understand the importance of parenting and parenthood education.
- To understand the significance of parents role in children period.
- To develop skill to involve parents in childhood education.

Unit-1

- Parenthood- Meaning, importance, Duties and role.
- Effect of family structure on parenthood.
- Factors affecting to parenthood.

Unit-2

- The task of parenting and the concept of parenting skills.
- Changing concept of parenthood and children.
- Being a competent parent.

Unit-3

- Determinants of parenting behavior.
- Parenthood and planning of family.
- Methods of child rearing practices.

Unit-4

- Characteristics of the parenting roles. The mothering role, the fathering role.
- Concept of family , the family life cycle stages.
- Effect of culture and family tradition.

References:

- Diane E. Papalia – Human development- 5th Edition- International edition- M.C.Grow Hill Ime.
- Harlock Allizabeth “Developmental Psychology”.
- Berk L.E.- Child Development London, Allyn & Bacon.
- Mussen P.H. Conger, J.J.Kagan J & Huston A.C.- Child Development & Personality, New York-Harper and Row.

M.A. (HOME-SCIENCE)

Forth SEMESTER

Aging problems and management

M.A.H.SC. - C.E.404

Objectives:

- To enable the students to know adulthood and aging period.
- To aware the students about problems, psychology and behaviors of adulthood and aging.

Unit-1

Introduction. -Types of age:

- Birren's three types of age.
- Biological age, psychological age, social age, functional age.
- Myths of aging and attitude towards aging.
- Model of development- the lifespan approach, causes of change in adult hood and aging.
- Research methods used in adult development and aging.- Intoduction
 - Development/ non development research.
 - Experimental / co relational research ethics and research in adulthood.

Unit-2

- Biology of aging and longevity.
 - The physiology of aging.
 - Sexual behavior in adulthood.
 - ❖ Myths regarding sexual behavior.
 - ❖ Lifespan trends in sexual behavior
 - ❖ General factors related to sexual behavior.
 - ❖ Psychological effects of biological and physiological changes.
- Explanation for the aging process.
 - Biological theories of aging.
 - Physiological theories of aging.
 - Longevity/life expectancy.
 - ❖ Factors relating to life expectancy.
 - ❖ Developmental-health psychology.

Unit-3

- Characteristic of middle and old age.
 - Developmental task in middle age and old age.
 - Adjustment in middle age and old age.
 - Gender difference in adjustment.
- Attitudes towards successful aging.
- Family attitudes towards aged persons.
- International relationship and socialization in middle and late adulthood.
 - The process of socialization.
 - Marriage, cause, marital satisfaction, violence within the family, role in adulthood.

Unit-4

- Work, Retirement and leisure, occupational roles and their selection.
 - Changing careers in mid life.
 - Industrial gerontology – Discrimination against older workers, capabilities of older workers.
 - Retirement.- Rationale for retirement, Adjustment to retirement, factors related to the decision to retire, Effects of retirement.
- Leisure.
 - Definition.
 - Types of leisure activities.
 - Learning to live with leisure.
 - Leisure activities in adulthood.
 - Leisure research in adulthood.
 - Patterns of leisure during retirement.

References:

- Diana E.Papalia “ Human Development” Tata Meegraw- Hill publishing company Ltd. New Delhi.
- Berk hayslip Jr. “Adulthood development and aging” –Happercollis, college Publishers, 10 east, 53 street, New York, NY 10022.
- “Life Span development” John W. snatroch 9th ed.2004.
- Kutumb kalyan by A.G.Shah and G.K.Dave.

M.A. (HOME-SCIENCE)

Forth SEMESTER

Measurement and evaluation of children

M.A.H.SC.-C.E. 404

Objectives:

- To acquaint the students with the various methods of studying human behavior and developmental across the age span.
- To train students to administer various standardized test.
- To expose the students to the relevance of the standardized tools to the Indian setting.
- To get acquainted with different kind of children with special needs.
- To study the characteristics of children with special needs.
- To plan intervention & management programmes for special children.

Unit-1

- Context meaning technical and methodological principal of psychological testing:
 - Functions and origins of psychological testing.
 - Nature and use of psychological testing.
 - Social and ethical consideration in testing.
 - Norms and interpretation of test scores.
 - Reliability, validity and item analysis.
- Anthropometric measurement and visiting methods:
 - Types and measurements of motor development.
 - Observation methods.
 - Interviews with different groups.
 - Rating of behavior and development of rating scales.

Unit-2

- Measurement of intelligence:
 - Definition/Concept, nature and factors affecting to intelligence.
 - Individual tests and group testing.
 - Verbal and nonverbal tests.
 - Tests for special population.
 - Psychological issues in intelligence testing.

Unit-3

- Measurement of personality
 - Meaning/Concept and factors affecting to personality.
 - Self report personality.
 - Projective techniques: Roschark inkblot test, Thematic appreciation test, Word appreciation test, Sentence completion, draw a man test, Psychodrama and Sociometry.
 - Evaluation of projective technique.

Unit-4

- Measurement of aptitude and separate abilities.
 - Meaning and theory of aptitude and ability.
 - Measurement multiple aptitude.
 - Educational testing and occupational testing.
 - Clinical testing.
- Evaluation methods:
 - The purpose of evaluation.
 - Relevance tools to the Indian condition.
 - Precautionary measures in the use of tools.
 - Fundamentals underlying educational evaluation.

References:-

- Dr. Desai krishnakant G. 2000- Psychology testing- The University book production Board, Gujarat state.
- Anastasi Anne: Psychological testing, Macmillan publishing Company, New York.
- Panda K.C. – Elements of child development- Kalyani Publishers.
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M.A. (HOME-SCIENCE)

Forth SEMESTER

Personality development

(Inter Disciplinary)

M.A.H.SC.- I.D.405

Objectives:

- To understand the concept of personality, its development and significance.
- To understand and develop various traits required for personality development.
- To acquire knowledge about personality tools and personality theories.

Unit-1

- Personality – Introduction.
 - Meaning and definition.
 - Factors affecting personality development.
 - Motivation, significance, Internal and External motives, Importance of self motivation.

Unit-2

- Aspects of personality development.
 - Body language, Assertiveness, Problem solving, conflict and stress management.
 - Decision making, skills, positive and creative thinking, Leadership and qualities of a successful leader, Teamwork.

Unit-3

- Other aspects of personality development.
 - Self esteem, concept, symptoms, Positive and negative self esteem.
 - Inter personal relationships.
 - Developing positive personality.
 - Communication skill.

Unit-4

- Time Management.
- Importance of goal settings, Factors affecting goal settings.
- Importance of reading.

References:

- Block, Jack (2010)- The five factors of personality and beyond- Some ruminations psychological inquiry 21 (1),- 25.
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- Parikh B.A.-“Advanced General psychology”- University Granth Nirman Board, Ahmedabad.
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